

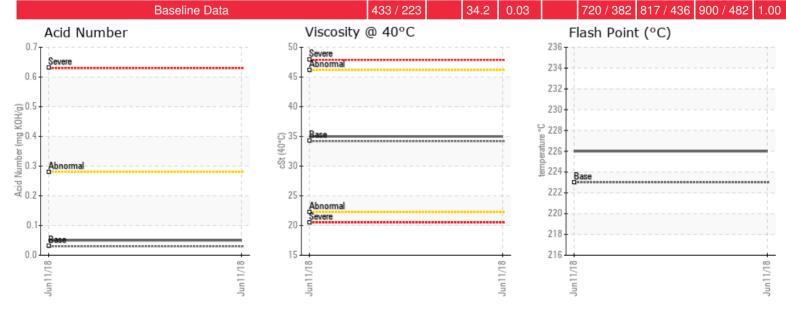
## [HEAT MEDIUM BUILDING] H-500

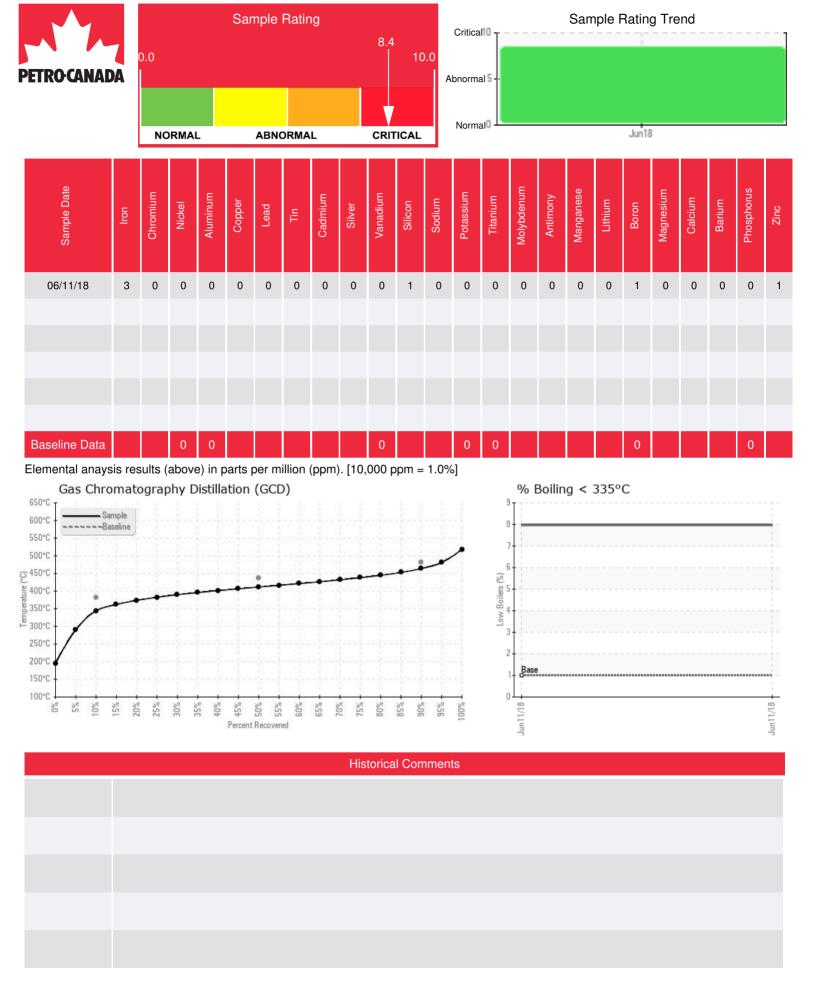
Customer: PTRHTF20046	System Information	Sample Information				
QUADRA CHEMICALS	System Volume: 0 gal	Lab No: 02222192				
12925 146TH STREET	Bulk Operating Temp: 225F / 107C	Analyst: Peter Harteveld				
EDMONTON, AB T5L 2H6 CANADA	Heating Source:	Sample Date: 06/11/18				
Attn: Ada Aponte	Blanket:	Received Date: 06/14/18				
Tel:	Fluid: PETRO CANADA PETRO-THERM	Completed: 06/19/18				
E-Mail: Ada_Aponte@quadra.ca	Make:	To discuss this report contact Peter				
		Harteveld at (780)967-4234				

Recommendation: Fluid condition is quite good other than the very high water content. Often high water content can indicate that the sample was taken without adequate purging of the sample point. Suggest an immediate resample taking extra care to purge the sample point.

Comments: Water contamination levels are severely high. Water contamination levels are severely high.. ppm Water contamination levels are severely high. (GCD) 90% Distillation Point is abnormally low. (GCD) % < 335°C is marginally high. (GCD) 10% Distillation Point is marginally low.

Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/ g	%wt	°F/°C	°F/°C	°F/°C	%
06/11/18	06/14/18	0h	7-14-63-20W5	439 / 226	5125.3	35.0	0.05	0.117	651 / 344	773 / 412	867 / 464	7.97





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